

WHAT IS CLAIMED IS:

1. A pressure absorbing apparatus to be disposed between a tank for a liquid and an ejecting head that ejects the liquid from the tank onto an ejection object, the pressure absorbing apparatus comprising:

- 5 a droplet inlet configured to be fluidly connected to the tank;
a droplet outlet configured to be fluidly connected to the ejecting head;
a channel fluidly connecting the droplet inlet to the droplet outlet; and
a pressure absorbing portion in communication with the channel;
the pressure absorbing apparatus absorbing the pressure fluctuations in the liquid
10 being fed from the tank to the ejecting head,
at least surfaces of the droplet inlet, the droplet outlet, the channel, and the pressure
absorbing portion that are arranged to contact the liquid being formed of a corrosion-
resistant material that resists corrosion by the liquid.

- 15 2. The pressure absorbing apparatus according to claim 1, wherein
the corrosion-resistant material is at least one material selected from the group
consisting of polyethylene, polypropylene, fluororesin, polyoxymethylene, cyclic olefin
copolymer, and polyparaphenylene benzoxazole.

- 20 3. An ejector apparatus comprising:
a tank that feeds a liquid;
an ejecting head that ejects the liquid fed from the tank onto an ejection object; and
a pressure absorbing apparatus including
a droplet inlet connected to the tank,
25 a droplet outlet fluidly connected to the ejecting head,
a channel fluidly connecting the droplet inlet to the
droplet outlet, and
a pressure absorbing portion in communication with the
channel,

the pressure absorbing apparatus absorbing the pressure
fluctuations in the liquid being fed from the tank to
the ejecting head,

5 at least surfaces of the droplet inlet, the droplet outlet,
the channel, and the pressure absorbing portion that
are arranged to contact the liquid being formed of a
corrosion-resistant material that resists corrosion by
the liquid.

10 4. The ejector apparatus according to claim 3, wherein
the corrosion-resistant material is at least one material selected from the group
consisting of polyethylene, polypropylene, fluoro-resin, polyoxymethylene, cyclic olefin
copolymer, and polyparaphenylene benzoxazole.

15 5. The ejector apparatus according to claim 3, wherein
the ejecting head and the droplet outlet of the pressure absorbing apparatus are
linked via a rubber bushing having at least a surface of the rubber bushing arranged to
contact with the liquid being formed of a corrosion-resistant material that resists corrosion
by the liquid.

20 6. The ejector apparatus according to claim 5, wherein
the corrosion-resistant materials are at least one material selected from the group
consisting of fluororubber, fluoro-resin, elastomer, butyl rubber, and silicone rubber.

25 7. A method of manufacturing a device, comprising:
providing a substrate; and
ejecting a material toward the substrate to form a layer of the material above the
substrate,

30 the ejecting of the material being performed by an ejector apparatus including a
tank that feeds the material, an ejecting head that ejects the material fed from the tank
onto an ejection object, and a pressure absorbing apparatus including
a droplet inlet fluidly connected to the tank,

a droplet outlet fluidly connected to the ejecting head,
a channel fluidly connecting the droplet inlet to the droplet
outlet, and
a pressure absorbing portion in communication with the
channel,
the pressure absorbing apparatus absorbing the pressure
fluctuations in the material being fed from the tank to
the ejecting head,
at least surfaces of the droplet inlet, the droplet outlet, the
channel, and the pressure absorbing portion that are
arranged to contact the material being formed of a
corrosion-resistant material that resists corrosion by the
material.

8. A method of manufacturing an electrooptical device including an
electroluminescence element, comprising:
providing a substrate with a plurality of electrodes; and
ejecting a material for a light emitting layer of the electroluminescence element
toward the substrate to form a plurality of the light emitting layers above the substrate,
the ejecting of the material being performed by an ejector apparatus including a
tank that feeds the material, an ejecting head that ejects the material fed from the tank
onto an ejection object, and a pressure absorbing apparatus including
a droplet inlet fluidly connected to the tank,
a droplet outlet fluidly connected to the ejecting head,
a channel fluidly connecting the droplet inlet to the droplet
outlet, and
a pressure absorbing portion in communication with the
channel,
the pressure absorbing apparatus absorbing the pressure
fluctuations in the material being fed from the tank to
the ejecting head,

5 at least surfaces of the droplet inlet, the droplet outlet, the
 channel, and the pressure absorbing portion that are
 arranged to contact the material being formed of a
 corrosion-resistant material that resists corrosion by the
 material.

9. A method of manufacturing an electrooptical device including a color filter,
comprising:

10 providing a substrate; and
 ejecting a material for the color filter toward the substrate to form the color filter
 above the substrate,
 the ejecting of the material being performed by an ejector apparatus including a
 tank that feeds the material, an ejecting head that ejects the material fed from the tank
 onto an ejection object and a pressure absorbing apparatus including
15 a droplet inlet fluidly connected to the tank,
 a droplet outlet fluidly connected to the ejecting head,
 a channel fluidly connecting the droplet inlet to the droplet
 outlet, and
 a pressure absorbing portion in communication with the
20 channel,
 the pressure absorbing apparatus absorbing the pressure
 fluctuations in the material being fed from the tank to
 the ejecting head,
 at least surfaces of the droplet inlet, the droplet outlet, the
25 channel, and the pressure absorbing portion that are
 arranged to contact the material being formed of a
 corrosion-resistant material that resists corrosion by the
 material.

30 10 A method of manufacturing an electronic apparatus equipped with a device,
 comprising:
 forming the device with a substrate;

the formation of the device including ejecting a material toward the substrate to form a layer of the material above the substrate,

the ejecting of the material being performed by an ejector apparatus including a tank that feeds the material, an ejecting head that ejects the material fed from the tank

5 onto an ejection object, and a pressure absorbing apparatus including

a droplet inlet fluidly connected to the tank,

a droplet outlet fluidly connected to the ejecting head,

a channel fluidly connecting the droplet inlet to the droplet
outlet, and

10 a pressure absorbing portion in communication with the
channel,

the pressure absorbing apparatus absorbing the pressure
fluctuations in the material being fed from the tank to
the ejecting head,

15 at least surfaces of the droplet inlet, the droplet outlet, the
channel, and the pressure absorbing portion that are
arranged to contact the material being formed of a
corrosion-resistant material that resists corrosion by the
material; and

20 combining the device with other components of the electronic
apparatus.

11. The method of manufacturing the electronic apparatus according to claim 10,
wherein

25 the device has an electrooptical device including an electroluminescence element,
and

in the ejecting of the material, a material for a light emitting layer of the
electroluminescence element is ejected to form the light emitting layer.

12. The method of manufacturing the electronic apparatus according to claim 10,
wherein

the device has an electrooptical device including a color filter, and

in the ejecting of the material, a material for the color filter is ejected to form the

5 color filter.